

## INTERNATIONAL SEARCH REPORT

PCT/PH 02/00018

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G02B21/00 G01N33/487

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G02B G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DYER M J ET AL: "LASER-INDUCED FLUORESCENCE MEASUREMENT OF OXYGEN ATOMS ABOVE A CATALYTIC COMBUSTOR SURFACE" APPLIED OPTICS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 29, no. 1, 1990, pages 111-118, XP000086683 ISSN: 0003-6935 page 112-113; figures 1,2 -/-	1-24

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

5 March 2003

Date of mailing of the international search report

17/03/2003

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MURAOKA K ET AL: "Diagnostics for the spatial distribution of hydrogen atoms around the divertor region" 11TH INTERNATIONAL CONFERENCE ON PLASMA-SURFACE INTERACTIONS IN CONTROLLED FUSION DEVICES, MITO, JAPAN, 23-27 MAY 1994, vol. 220-222, pages 563-566, XP002233480 Journal of Nuclear Materials, April 1995, Netherlands ISSN: 0022-3115 page 563-565; figure 3	1-24
X	HOLTOM G R ET AL: "The application of nonlinear raman spectroscopy to provide molecular specificity in 3-D biological imaging" CONFERENCE ON LASERS AND ELECTRO-OPTICS. (CLEO 2001). TECHNICAL DIGEST. POSTCONFERENCE EDITION. BALTIMORE, MD, MAY 6-11, 2001, TRENDS IN OPTICS AND PHOTONICS. (TOPS), US, WASHINGTON, WA: OSA, US, vol. 56, 6 May 2001 (2001-05-06), pages 362-363, XP010559945 ISBN: 1-55752-662-1 abstract	1-24
X	US 5 995 281 A (SIMON ULRICH ET AL) 30 November 1999 (1999-11-30) column 1-4; figures 1,2,9	1-24
X	US 5 891 738 A (SOINI ERKKI ET AL) 6 April 1999 (1999-04-06) column 6-7; figures 1,6,7 column 9-10 column 13-16	1-24
X	FLETCHER D G: "TWO-PHOTON EXCITATION OF ATOMIC OXYGEN USING A RAMAN-SHIFTED ARF-EXCIMER LASER" APPLIED PHYSICS B: LASERS AND OPTICS, SPRINGER INTERNATIONAL, BERLIN, DE, vol. B60, no. 1, 1995, pages 61-65, XP000489187 ISSN: 0946-2171 page 62-63; figure 5	1-24
X	US 2002/109841 A1 (GOULD GENE ET AL) 15 August 2002 (2002-08-15) page 7-10; figures 2A,,3	1-24
X	US 5 192 980 A (DIXON ARTHUR E ET AL) 9 March 1993 (1993-03-09) column 4-6; figures 3-5	1-24

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Inter: Application No

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